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Philip A. Bernstein

February 1996 **Communications of the ACM** , Volume 39 Issue 2

Publisher: ACM [Request Permissions](#)

Full text available: Pdf (238.25 KB)

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2 A DRM security architecture for home networks

Bogdan C. Popescu, Bruno Crispo, Andrew S. Tanenbaum, Frank L.A.J. Kan
October 2004 **DRM '04: Proceedings of the 4th ACM workshop on Digital ri**

Publisher: ACM [Request Permissions](#)

Full text available: Pdf (222.46 KB)

Additional Information: [full citation](#), at

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This paper describes a security architecture allowing digital rights mana
electronic devices. The idea is to allow devices to establish dynamic gro
acquired ...

Keywords: DRM architectures, compliant CE devices, digital content pr

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3 Creating a Linux Firewall Using the TIS Toolkit

Benjamin Ewy

May 1996 **Linux Journal** , Volume 1996 Issue 25es

Publisher: Specialized Systems Consultants, Inc.

Full text available: Html (27.94 KB)

Additional Information: [full citation](#), [abstract](#), i

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Get flexible and reliable control of your network's interaction with the ou

4 Reputation-based Wi-Fi deployment protocols and security analysis

Naouel Ben Salem, Jean-Pierre Hubaux, Markus Jakobsson

October 2004 **WMASH '04: Proceedings of the 2nd ACM international work
on WLAN hotspots**

Publisher: ACM [Request Permissions](#)


Full text available: Pdf (395.70 KB)

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In recent years, wireless Internet service providers (WISPs) have established and airports in order to offer to travelling Internet users access to email major ...

Keywords: QoS, WiFi networks, billing, protocols, reputation systems,

- 5 [Applying grid security and virtual organization tools in distributed put](#)
Marko Niemäki, Vesa Sivunen
September 2003 **ISI CT '03: Proceedings of the 1st international symposium**
Publisher: Trinity College Dublin
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In a single document repository or a library system, the authentication is simply with traditional technologies. However the situation is different in databases. ...

- 6 [Integrated personal mobility architecture: a complete personal mobility](#)
Binh Thai, Rachel Wan, Aruna Seneviratne, Thierry Rakotoarivelo
February 2003 **Mobile Networks and Applications**, Volume 8 Issue 1
Publisher: Kluwer Academic Publishers
Full text available:  [PDF](#) (208.62 KB) Additional Information: [full citation](#), [alt](#)

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The high expectations and demand for users to access the Internet from important part of the design and development of the next generation mobile user mobility ...


Keywords: mobile agents, personal communications, personal mobility

- 7 [Practical byzantine fault tolerance and proactive recovery](#)
 Miguel Castro, Barbara Liskov
November 2002 **Transactions on Computer Systems (TOCS)**, Volume 20 Issue 4
Publisher: ACM  [Request Permissions](#)
Full text available:  [PDF](#) (1.63 MB) Additional Information: [full citation](#), [alt](#)

Bibliometrics: Downloads (6 Weeks): 79, Downloads (12 Months): 428, Downloads

Our growing reliance on online services accessible on the Internet demands service without interruptions. Software bugs, operator mistakes, and major interruptions ...

Keywords: Byzantine fault tolerance, asynchronous systems, proactive

- 8 [Common data security network \(CDSN\)](#)
 Afiaf Ahmad, Mona El-Kadi Rizvi, Stephan Qiarui
October 2005 **Q2SWinet '05: Proceedings of the 1st ACM international workshop**

and mobile networks

Publisher: ACM

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We present the idea of using a separate network that processes and encrypts various components of such a network, called common data security, to determine ...

Keywords: IEEE 802.11i, TKIP, common data security, security architecture

9 Wireless authentication using remote passwords

 Andrew Harding, Timothy W. van der Horst, Kent E. Seamons

March 2008 **WiSec '08: Proceedings of the first ACM conference on Wireless Security**

Publisher: ACM

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Current wireless authentication mechanisms typically rely on inflexible infrastructure with user-specific digital certificates and, as such, lack general bases where ...

Keywords: SAW, SRP, decentralized wireless authentication

10 Structuring Internet media streams with cueing protocols

 Jack Brassil, Henning Schulzrinne

August 2002 **IEEE/ACM Transactions on Networking (TON)**, Volume 10

Publisher: IEEE Press

Full text available: [PDF](#) (282.39 KB)


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We propose a new, media-independent protocol for including program content in Internet media streams. The protocol uses signaling messages called cue receivers, ...

Keywords: content delivery networks, multimedia signaling, real-time

11 Secure web service federation management using ipm virtualisation

 Srijith Krishnan Nair, Ivan Djordjevic, Bruno Crispo, Theo Dimitrakos

November 2007 **SWS '07: Proceedings of the 2007 ACM workshop on Secure Web Services**

Publisher: ACM

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Web Services and SOA provide interoperability and architectural baselines for collaborations, where execution and use of the participating services occur within these collaborations ...

Keywords: federation, membership management, security, trusted cor

12 Application protocol design considerations for a mobile internet

Jörg Ott

December 2006 **MobiArch '06**: Proceedings of first ACM/IEEE international architecture

Publisher: ACM  [Request Permissions](#)

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Additional Information: [full citation](#), [at](#)

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The Internet protocols were designed for a primarily "fixed" and relative communication links are stable and exhibit fairly uniform communication has fundamentally invalidated ...

13 Bridging a gap in the proposed personal health record

Wai Gen Yee, Brett Trockman

November 2006 **HI KM '06**: Proceedings of the international workshop on H

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The emerging electronic health record infrastructure is guiding records t a patient's comprehensive health history. However, legal and technolog delivering ...

Keywords: HIPAA, personal health record, portability, security

14 A resilient architecture for DHT-based distributed collaborative enviro

Simone Cirani, Natalya Fedotova, Luca Veltri

November 2008 **SERENE '08**: Proceedings of the 2008 RISE/EFTS Joint Int Resilient Systems

Publisher: ACM

Full text available:  Pdf (321.85 KB)

Additional Information: [full citation](#), [at](#)

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Distributed Hash Tables (DHTs) provide a flexible and reliable infrastruc communities. We propose to apply Kademlia DHT to organize data man: participating in different ...

Keywords: collaborative computing, distributed hash tables, fault toler

15 Spam, spim, and spit

Vinton G. Cerf

April 2005 **Communications of the ACM**, Volume 48 Issue 4


Publisher: ACM  [Request Permissions](#)

Full text available:  Html (23.71 KB),  Pdf (61.70 KB) Additional Information: [full citation](#)


Bibliometrics: Downloads (6 Weeks): 16, Downloads (12 Months): 130, Downl

Abolishing spam, and its morphing forms, will take more than public prefixes.

16 NFS over RDMA

 Brent Callaghan, Theresa Lingutla-Raj, Alex Chiu, Peter Staubach, Omer A. August 2003 **NICELI '03: Proceedings of the ACM SIGCOMM workshop on implications**

Publisher: ACM  [Request Permissions](#)


Full text available:  Pdf (126.79 KB)

Additional Information: [full citation, at](#)

Bibliometrics: Downloads (6 Weeks): 11, Downloads (12 Months): 62, Downloads


The NFS filesystem was designed as a work-group filesystem, making a number of client workstations. However, more recently NFS has grown application ...

17 Verifying Completeness of Relational Query Answers from Online Sc

 Hweehwa Pang, Kian-Lee Tan

March 2008 **Transactions on Information and System Security (TIS**

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (991.84 KB)


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Bibliometrics: Downloads (6 Weeks): 15, Downloads (12 Months): 138, Downloads

The number of successful attacks on the Internet shows that it is very difficult over extended periods of time. A breached server that is not detected in users. In ...

Keywords: query answer verification, secure database systems

18 VoIP Security: Not an Afterthought

 Douglas C. Sicker, Tom Lookabaugh

September 2004 **Queue**, Volume 2 Issue 6

Publisher: ACM  [Request Permissions](#)

Full text available:  Html (30.71 KB),  Pdf (990.55 KB) Additional Information: [full citation](#)

Bibliometrics: Downloads (6 Weeks): 330, Downloads (12 Months): 1670, Downloads



Voice over IP (VoIP) promises to up-end a century-old model of voice tele service model of the public switched telephone network (PSTN) and central office ...

19 From Server Room to Living Room

 Jim Barton

July 2003 **Queue**, Volume 1 Issue 5

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Full text available:  Html (39.52 KB),  Pdf (1.85 MB) Additional Information: [full citation](#)

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The open source movement, exemplified by the growing acceptance of l


environments but also into a home near you. For some time now, high-computer-aided ...

20 Secure universal mobility for wireless Internet

 Ashutosh Dutta, Tao Zhang, Sunil Madhani, Kenichi Taniuchi, Kensaku Fujii, Schulzrinne

July 2005

SI MOBILE Mobile Computing and Communications Re Publisher: ACM

Full text available:  Pdf (1.47 MB)

Additional Information: full citation, at

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The advent of the mobile wireless Internet has created the need for sea heterogeneous access networks such as IEEE 802.11, WCDMA, cdma20 reachable while outside one's enterprise ...

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